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 MITSUI CHEM INC \*JP 2000155439-A  
 1998.11.20 1998-330392(+1998JP-330392) (2000.06.06) G03G 9/08,  
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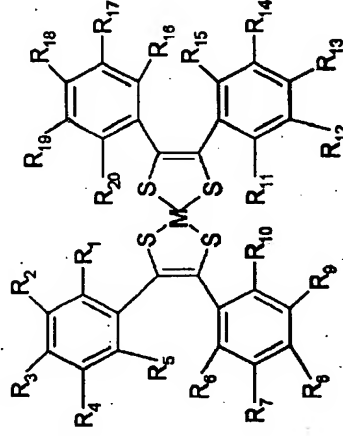
An absorber of infrared rays for a toner and a toner containing  
 this absorber  
 C2000-148334

# NOVELTY

An electrophotographic toner contains an absorber of infrared  
 rays.

## DETAILED DESCRIPTION

The absorber is of formula (1).



(1)

R<sub>1</sub> through R<sub>20</sub> = H, halogen, optionally substituted alkyl, optionally  
 substituted alkoxy, optionally substituted aryl,  
 optionally substituted aryloxy, alkylamino,  
 dialkylamino, arylamino, or diarylamino;  
 M = a metal atom.

## USE

This toner is intended for flash fixing.

JP 2000155439-A+

#### ADVANTAGE

High efficiency of optical energy absorption and light/heat conversion is attained. This toner has excellent toner fixing property.

#### EXAMPLE

The amount of the absorber to add is 0.01 - 50 wt% per the binding resin. The binding resin typically includes polystyrene, polyester, epoxy, polyamide, and phenol.

#### DEFINITIONS

Preferred Definitions: In formula (1),  
R<sub>1</sub> through R<sub>20</sub> = H, alkyl, or alkoxy, respectively. M is Ni, Pd, Pt, or Cu.  
(7pp074DwgNo.0/0)